First & Final

M. A. R. 57 (Rule 116)
Measurement Book

No. E 536409

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Name of work: Improvements to roads & drains surrounding in WN-10. Est cost : 100 Lakhs Job no : 010-20-000063 W/o Reference: EE/BTP/WO/201/20-21. Dt: 03/03/21. Agency: Sri. K. V. Subbareddy Bangalore						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item NO 01: Removing and resetting of footpath slab etc - Qty taken from e bill premeasurement page No 1 item No. 1 is 240.90 @ Rs 219.05					= 52769.15	
	Item NO 02: EWE by mannual means in ordinary soil involving an horizontal throw etc., Qty taken from e bill premeasurement pgno 2 to 4 of item no 2 is 556.53 @ Rs 144.55					= 80445.98.	
	Item NO 03: Plain PCC of 1:3:6 mix with crushed stone aggregate 40mm nominal size etc, Qty taken from e bill premeasurement pgno 5 to 6 of item NO 03 is 75.11m² @ Rs 4699.00					= 352943.06.	
	Item NO 04: Providing & laying plain/Reinforced for side drain M20 etc						

M. A. R. 57 (Rule 116) **No. E** 536410

Measurement Book

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions			Contents	Reference to last Measurement
		Number	Length	Breadth / Depth		
1	2	3	4	5 / 6	7	8
	Qty taken from e-bill measurement sheet for item no 04 is 141.91 m^3 @ Rs 7416.64 = 1052469.42 Item no 05: Providing & removing centering, shuttering etc, (columns) Qty taken from pre measurement pg no 07 for item no 05 is 14.66 Sqm @ Rs 286.88 = 4204.23 Item no 06: Providing & removing centering, shuttering, struting, propping etc, & removal of form work for vertical surfaces etc. Qty taken from pre measurement page item no 06 pg no 08 is 71.76 m^2 @ Rs 398.00 = 28560.48 Item no 07: providing & laying in position plain RCC M-20 for sub structure Super structure works in cube cement @ 320 kgs etc,					

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Qty taken from measurement sheet of e-bill vide item No 07 up to 125%. is 18 m^3 @ Rs 5536.35 = 99654.30 Qty -"- above 125% is 8.12 m^3 @ Rs 5930.49 = 48168.17 Item No 08: Providing TMT steel reinforcement for RCC work including straightening, cutting, bending etc.; Qty taken from pre measurement page for item No 08 pg no 9 to 14 is 10.36 T @ Rs 68234.20 = 706906.31 Item No 09: Providing granite slabs of selected quality roughly dressed etc Qty taken from measurement sheet of e bill for item No 09 is 256.01 m^2 @ Rs 1014 = 259589.07 Item No 10: Providing one line dressing to granite stone slab etc. Qty taken from measurement sheet of e-bill for item No 10 is 256.01 m^2 @						

M. A. R. 57 (Rule 116) **No. E** 536411

Measurement Book

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Number	Dimensions		Depth	Contents	Reference to last Measurement
			Length	Breadth			
1	2	3	4	5	6	7	8
	Rs 997.41					= 255341.95	
	Item No 11: Providing chamfering edges to stone slab 2.5 cms wide as per specifications etc., Qty taken from measurement sheet of Ebill for item No 11 is 1397.40 m @ Rs 64.49 is					= 90118.33	
	Item No 12: RCC precast cover slab of 250 mm Thick etc., Qty taken from measurement sheet of ebill for item no 12 is up to 125.1 is 36 m² @ Rs 5472.63					= 197014.68	
	Qty above 125.1 @ Rs 5472.63 for			14.07 m²		= 76999.90.	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item No 13: Dismantling of cc pavement by mechanical means using prematic tools etc.,						
	Qty taken from premeasurement page item No 13 pg no 15 of E-bill						
	for upto 125% is 60.94 cum @ Rs 999.63					= 60914.95	
	for above 125% is 6.24 cum @ Rs 999.54					= 6236.37	
	Item No 14: Excavation in soil using hydraulic excavator CK90 & tippers with disposal etc.,						
	Qty taken from premeasurement page item No 14 pg no 16 to 15 of ebill for						
	Qty upto 125% is 137.05 cum @ Rs 45.59					= 6249.25	
	Qty above 125% is 693.71 cum @ Rs 45.59					= 31626.39	
	Item No 15: Constn of dry lean cc mix CC 1:5:10 with OPC cc @ 160 kg						
	with 25 mm & down etc.,						

M. A. R. 57 (Rule 116) **No. E** 536412

Measurement Book

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Qty taken from premeasurements page item No 15 pg no 18 to 19 of e bill is 205.15 for up to 125.1 is 59.06 cum @ Rs 4075.26 = 240695.04 — |— above 125.1 is 146.09 cum @ Rs 4259.87 = 622317.97 Item No 16: const^n of unreinforced plain cc pavement, thickness as per design over a prepared sub base with OPC cement etc., Qty taken from measurement sheet of ebill with item no 16 is 205.15 cum @ Rs 5466.30 = 1121411.45 Item No 17: vacuum dewatering unit vacuum pump etc., Qty taken from measurement sheet of e bill with item No 17 is 1368 m^2 @ Rs 75.61 = 103434.48						

M. A. R. 57 (Rule 116) **No. E** 536412

Measurement Book

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Qty taken from premeasurement page item No 15 pg no 18 to 19 of e bill is 205.15 for up to 125 t is 59.06 cum @ Rs 4075.26 = 240695.04 — 11 — above 125 t is 146.09 cum @ Rs 4259.87 = 622317.97 Item No 16: const^n of unreinforced plain cc pavement, thickness as per design over a prepared sub base with OPC cement etc., Qty taken from measurement sheet of e bill with item no 16 is 205.15 cum @ Rs 5466.30 = 1121411.45 Item No 17: vacuum dewatering unit vacuum pump etc., Qty taken from measurement sheet of e bill with item No 17 is 1368 m^2 @ Rs 75.61 = 103434.48						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item No 18 : Providing, laying, Spreading & compacting crushed stone aggregates of granite / trap / basalt - wet mix macadam etc, Qty taken from premeasurement sheet & e bill vide item no 18 is 354.03 m^3 for Qty up to 125% is 65.63 @ Rs 2099.34 = 137769.19 Qty above 125% is 288.41 @ Rs 2099.34 = 605403.85 Item No 19: Providing & applying prime coat with SS bitumen emulsion on prepared surface etc. Qty taken from premeasurement sheet & e bill vide item No 19 is 1252.22 m^2 for Qty up to 125% is 291.65 @ Rs 31.30 = 9128.65 for — " — above 125% is 1252.22 @ Rs 35.58 = 44552.26 Item No 20: Clearing the existing black topped surface etc, Qty taken from measurement sheet & bill for item No 20 is 2623.88 m^2						

M. A. R. 57 (Rule 116) **No. E** 536413

Measurement Book

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	@ Rs 5.56					= 14588.76	
	Item No 21: Providing & applying tack coat using 80/100 grade bitumen (VG10) etc;						
	Qty taken from measurement sheet of ebill for item No 21 is 2623.88 m^2 @ Rs 13.34					= 35002.53	
	Item No 22: Providing & laying dense graded BM using crushed aggregates etc-						
	Qty taken from premeasurement of ebill for item No 22 is 47.01 m^3 for Qty upto 125% is 43.63 cum @ Rs 6721.68					= 293233.29.	
	for above 125% is 33.39 cum @ Rs 7649.42					= 255406.41	
	Item No 23: Providing & laying bc 40mm thick with hot mix plant etc.,						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Qty taken from measurement sheet of ebill for item No 23 is 104.96 cum @ Rs 104.96 7715.75					= 809807.31	
	Item No 24: Road marking with hot applied thermoplastic compound with Reflectising glass beads etc, Qty taken from measurement sheet of ebill for item no 24 is 100 m² @ Rs 477 is					= 47700.00	
	Item No 25: cost of Haulage including loading & unloading of stone boulder etc. Qty taken from premeasurement page of ebill for item No 25 is 1549.55 m³						
	for qty upto 125.1. is 1001.44 cum @ Rs 86.65					= 86774.56	
	for qty above 125.1. is 548.11 cum @ Rs 86.65					= 47493.96	
	Item No E1: Providing & constructing load bearing wall with solid concrete blocks having block density not less than 1800 kg/m³						

M. A. R. 57 (Rule 116) **No. E** 536414

Measurement Book

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Qty taken from measurement sheet of ebill for item no E1 is 1036.41					71.00 m2 @ Rs = 73584.91	
	Item NO E2: Providing & constructing graviti / trap / basalt SSM - etc., Qty taken from measurement sheet of e-bill for item no E2 is 9.45 m² @ Rs 5175.65					= 48872.11	
	Item NO E3: Providing & fixing precast RCC cover slabs of 100mm thick for drains etc, Qty taken from measurement sheet of ebill for item NO E3 is 216.72 @ Rs 2451.28					= 531241.25	
	Item NO E4: Scarifying BC 50mm to 75mm along with premix carpet etc, Qty taken from pre measurement sheet of e bill for item NO E4 is 1728.33 m² @ Rs 100.07					= 172945.19.	
	Item NO E5: constn of embankment with material gravel / Murum etc.,						

M. A. R. 57 (Rule 116) **No. E** 536414

Measurement Book

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Number	Dimensions			Contents	Reference to last Measurement
			Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Qty taken from measurement sheet of ebill for item no E1 is 1036.41					71.00 m2 @ Rs = 73584.91	
	Item NO E2: Providing & constructing graviti / trap / basalt SSM - etc., Qty taken from measurement sheet of e-bill for item no E2 is					9.45 m2 @ Rs 5175.65 = 48872.11	
	Item NO E3: Providing & fixing precast RCC cover slabs of 100mm thick for drains etc, Qty taken from measurement sheet of ebill for item NO E3 is					216.72 @ Rs 2451.28 = 531241.25	
	Item NO E4: Scarifying BC 50 mm to 75 mm along with premix carpet etc., Qty taken from premeasurement sheet of ebill for item NO E4 is Rs 100.07					1728.33 m2 @ = 172945.19.	
	Item NO E5: const^ of embankment with material gravel / Murum etc.,						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Qty taken from premeasurement pg 9 of ebill for item no E5 is 383.42 m³ @ Rs 361.35					= 138546.58	
	Item No E6: constn of GSB by providing clean graded crushed stone aggregate etc., Qty taken from premeasurement pg 9 of ebill for item no E6 is 200.95 m³ @ Rs 2092.47					= 420490.80	
						Total = 9270602.91	
						GST charges 12% = 1112472.35	
						Grand Total = 10383075.26	
	Certificate: Certified that the above said work completed satisfactorily by the agency, and no materials were used from department.						

Suvetha. N K
AE W10: 9/02

M.v. Sabsa Reddy

ASSISTANT EXECUTIVE ENGINEER
Vidyaranyapura Sub-Division
Bruhath Bengaluru Mahanagara Palike

M. A. R. 57 (Rule 116) **No. E** 536415

Measurement Book

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Number	Dimensions: Length	Dimensions: Breadth	Dimensions: Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8

Name of work: Improvements of roads & drains Surrounding in ward No. 10

51.50

43.20

CC Road

1st C (WO329)

34.80

1st B (WO331)

33.60

1st A (WO339)

1st D (WO323)

Ashpalt (WO189)

Dead End Road (WO189)

Kalpav Suksha Layout

Drain

Ramachandrapura

108.70 (RCC Drain)

5.60

5.90

1st Cross (WO277)

Manjunatha Nagara

4th Cross

RR School Main Road

1st Cross (WO205)

Krishna Vilas

Doddakommasandra Main Road

Sunil. K.K
AEW10

ASSISTANT EXECUTIVE ENGINEER
Vidyaranyapura Sub-Division
Bruhath Bengaluru Mahanagara Palike

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	2nd & Final bill						
	ಲೆಕ್ಕಶೀರ್ಷಿಕೆ P-0541 ರಡಿ ಬಿಲ್ಲು ಮೊಬಲಗು ರೂ. 10388000=ಗಿ ಪಾವತಿ ಮಾಡಿದೆ. ಇದರಲ್ಲಿ ರೂ. 554025=ಗಿ ಹೊಂದಾಣಿಕೆ ಮಾಡಿಕೊಂಡು ರೂ. 9833975=ಗಿ ಚೆಕ್ನ್ನು FT/NEFT/RTGS ಮುಖಾಂತರ ನೀಡಲಾಗಿದೆ 4/3 ವಿಷಯ ನಿರ್ವಾಹಕರು 4/3 ಲೆಕ್ಕಾಧೀಕ್ಷಕರು ಬ್ಯಾಟರಾಯನಪುರ ವಿಭಾಗ ಬೃಬೆಮಪಾ, ಬೆಂಗಳೂರು 4/03 ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು ಬ್ಯಾಟರಾಯನಪುರ ವಿಭಾಗ ಬೃಬೆಮಪಾ, ಬೆಂಗಳೂರು		BA - 10388000=ಗಿ IT - 103830=ಗಿ L.C - 103830=ಗಿ CESS - 2076=ಗಿ SWM - 92706=ಗಿ SWM - 92706=ಗಿ LR - 149000=ಗಿ Fine - 1570=ಗಿ TD - 554025=ಗಿ Total: 9833975=ಗಿ		

M. A. R. 57 (Rule 116)
Measurement Book

No. E 536416

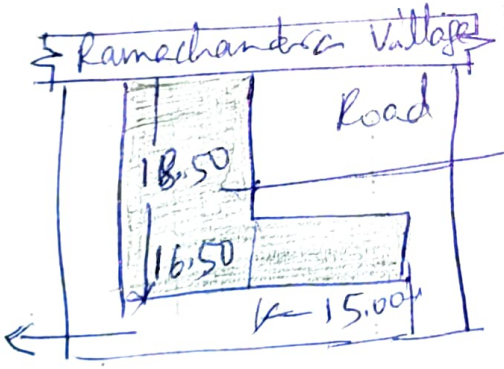
Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Number	Dimensions		Depth	Contents	Reference to last Measurement
			Length	Breadth			
1	2	3	4	5	6	7	8
							Index
							CC Road
							Drain
							Asphalt Road
							Repair work
							culvert.



Sweetha-NK
AEN10 9/02

ASSISTANT EXECUTIVE ENGINEER
Vidyaranyapura Sub-Division
Bruhath Bengaluru Mahanagara Palike